

Travelling Merchant: _____

DATASHEET

Standard: **T32-H569-12.80MHZ**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2021.01.21			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg13,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

TEL: 0086-0769-88010888 FAX: 0086-0769-81800098



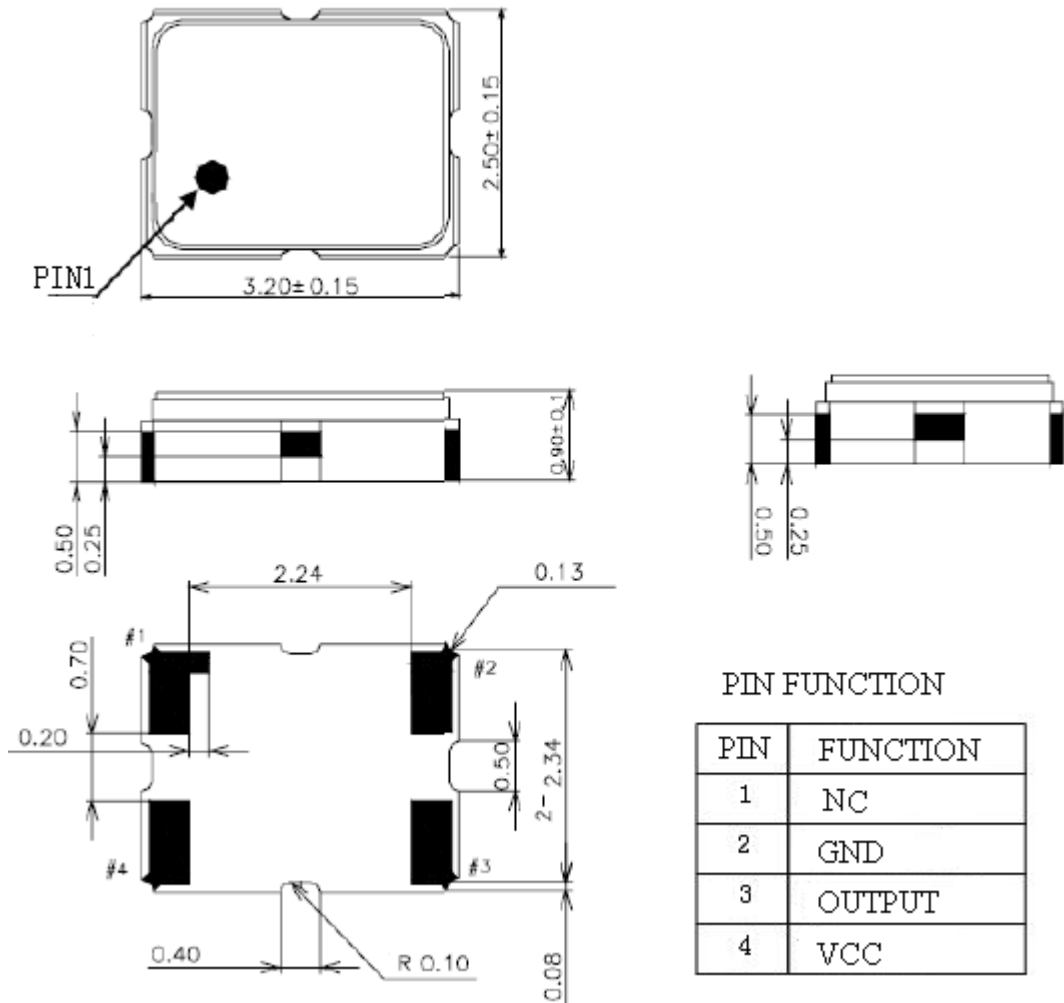
1、Electrical Parameters

MODEL: T32-H569-12.80MHz						
Item	Description	Parameters			Unit	Test Condition
		Min.	Typ.	Max.		
Output	Frequency	12.80			MHz	
	Output Waveform	Clipped Sine Wave				V _{p-p} >0.8V
	Load	10KΩ//10pF				
Frequency Stabilities	Frequency Tolerance vs. Operating Temperature Range	-2		+2	ppm	T _A varied from -30°C to 85°C, measurement referenced to frequency observed with T _A = 25°C, V _{CC} = 3.0V, O _{load} =10KΩ//10pF.
	Initial Frequency Tolerance	-2		+2	ppm	Measurement referenced to frequency observed with T _A = 25°C, V _{CC} = 3.0V, and after 5s of operation, within 30 days after ex-works.
	Frequency Tolerance vs. Supply Voltage	-0.3		+0.3	ppm	5% measurement referenced to frequency observed T _A =25°C, V _{cc} =3.0V, and O _{Load} = 10KΩ//10pF .
	Frequency Tolerance vs. Load	-0.2		+0.2	ppm	10% load change measurement referenced to frequency observed with T _A =25°C, V _{CC} =3.0V.
	Aging Tolerance Per Day	-0.02		+0.02	ppm	V _{CC} , T _A constant measurement referenced to frequency observed with T _A = 25°C, V _{CC} =3.0V, and after 30 days of operation.
	Aging Tolerance 1 Year	-1		+1	ppm	
Power Supply	Current Consumption			3	mA	@25°C
	Supply Voltage	+2.7	+3.0	+3.3	V	
	Harmonics			-5	dBc	
Phase Noise	Phase Noise		-135		dBc/Hz	10KHz
Environmental Conditions	Operable Temperature	-30		+85	°C	
	Storage Temperature	-40		+85	°C	
	Drop Test	Height : 100 cm height Test cycles : 3 cycles Mounting on test fixture (total weight=100 g)			Direction : X,Y,Z 6 directions Fall freely on to concrete floor	
	Mechanical Shock	Acceleration : 1000 g Test cycles : 3 times for all 3 directions			Duration : 0.5 ms	



	Vibration	Frequency range : 10 ~ 2000 Hz Acceleration : 20 g (80 ~ 2000 Hz) Direction : X,Y,Z 3 directions	Amplitude : 1.52 mm (10 ~ 80 Hz) Sweep speed : 20 minutes/cycle Duration : 4 hours/each direction
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2、Mechanical Structure(mm)

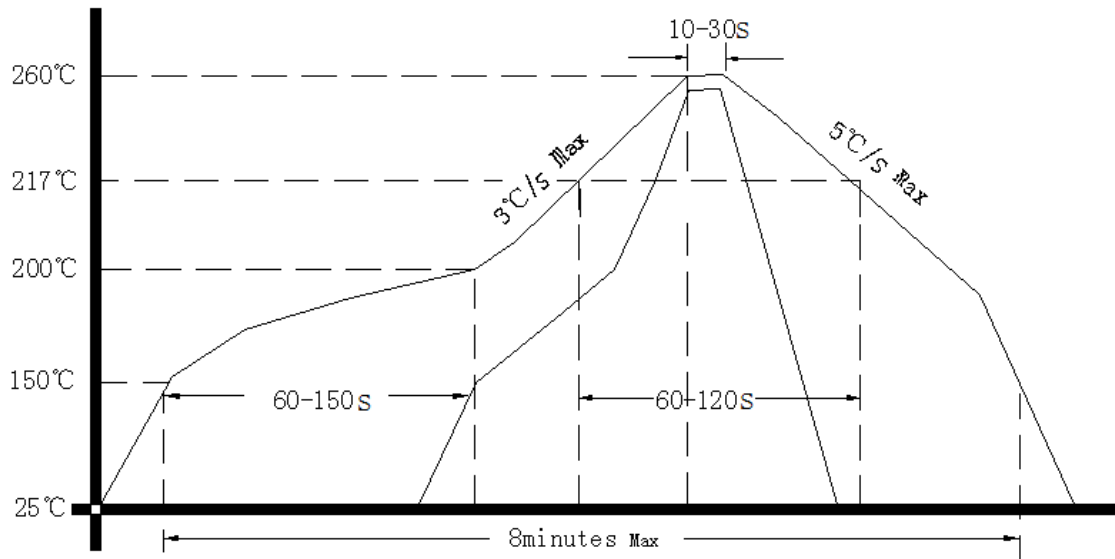


Note1: Tolerance ± 0.1 mm without mark

Note2: Referential weight 0.02g



3、 Reflow Soldering Curve (RoHS)



4、 Package: Tape & Reel (mm)

